







Gettysburg Complex.

FRIDAY, OCT. 2, 1874.

FARM AND GARDEN.

BREAD CORN.

It is now nearly time for us to begin to receive our usual fall reports of large corn crops, and now, just before they arrive, we wish to say a few words, which if deferred a few weeks may be taken as personal, but now in advance they cannot be so considered. Some doubt whether one hundred bushels of shelled corn can be raised on an acre, and the American Institute farm club of New York City claim that it has not been done. That it has and can be raised we do not doubt, for we have the best and most reliable evidence to prove it. The cause which in some instances has led to a doubt as to these large crops has been the manner in which the result was calculated. To illustrate: we have now before us in receipt of a crop in New Jersey claimed to be that of one hundred and eighty-three bushels of shelled corn per acre.

The large yield reported led us to make a careful investigation into the matter which we found to stand thus: The crop was on the farm of David Poll, in Salem county, New Jersey. To obtain the rate per acre, "the person who certifies to the quantity" measured the produce of one hill which Mr. P. claims was only a hill as there was in the lot. This produce was multiplied by 7,200 hills, and the result given as the yield per acre. Mr. Poll also claims that "had not the corn been blown up by the roots by a rain storm just after it had set and was fully in the stalk it would have been a still larger first place, we object to taking per hill as the basis from which to calculate, but it is a big crop which you are after, why take about as poor a hill as there is in the lot?" And why multiply by 7,200 to get the yield per acre?

As we plant and count, and the seeders say it is too thick, we get but 3,200 hills on an acre. To get 7,200 hills, the corn must have been planted a hill every 18 inches, with the rows four feet apart, and each hill must have yielded over three plants of shelled corn. In the yield of the paper, we find this report widely made. "When the yield above one hundred and twenty-five bushels, farmers like to see the measurement of the corn. As well calculate the yield of an orchard by the product of a single apple. Yet in this way are most of our fabulous crops figured up."

We are willing to receive, and publish, accounts of large crops, but if the producers take this plan of arriving at their results, they must not blame our readers if they doubt them, nor us if we criticize.

Another important item which should always accompany the result, but which seldom does, is the amount and value of the manure and labor expended and the capability of the land without any manure. A large crop produced by a liberal application of manure may or may not be a profitable one.

On Wednesday last, Dr. A. J. Hines, of Georgetown, had a valuable cow from his herd of excellent grade of Allentons. While his farmer was plowing in a field adjoining the enclosure which contained the cattle, he discovered that something was wrong with one of them. He immediately proceeded to ascertain the cause, but having reached the animal when he expired. He at once removed the thorax of the chestnut-colored cow, and on dissection he immediately found into the cause of her singular death. Accordingly, the animal was opened, and all the internal parts presented a normal appearance, with the exception of the heart, the muscles of which seemed to be surrounded by a crusty substance. These were cut open, when a needle, about two inches long, was found. It is supposed that this needle had been embedded in the muscles for a long time, and the animal it worked through and touched the heart, the poor animal dropped dead.—*Washington Herald.*

This first case of fruit from California arrived in Philadelphia over the Pennsylvania railroad, August 26th. The car was built up with the principle and was lined with wire. It was there on the 26th, but at a detention at Omaha it lost five days, during which time the ties all melted. The Bartlett pears were rotted down in solid mass; Delicious pears came out in order, and were sold at 50 cents to 51 per crate; the grapes, both white and dark, opened out well, pears curled well and were held at 51 per bushel, sold to contain one peck. Honey in the comb carried without damage, and sold at 10 cents per pound. The freight bill amounted to \$1,000, and it is said that the independent of the unexpected loss by detention, the venture paid well.

SIX-REINCE POTATOES.—At this season of the year it is not uncommon to find among our farmers a considerable amount of potatoes which have been injured by too much exposure to the sun; this not only spoils them for use but in large amounts would make them poisonous to stock if they are usually fed, but this is unnecessary, as they are well for seed as others; in many portions of Europe, and particularly in Ireland, it is considered best to "sun-burn" if seed potatoes before they are sowed for the winter. We do not know what the practice, but we do know that as growth is concerned a sun-burned potato will grow as well as any other.

THE HOUSEKEEPER.

HOW TO MAKE VINEGAR.

A correspondent, starting with the promise that to make good vinegar you must have good poor cider, and see to it that the barrel into which it is to be put is entirely free from any kind, and with the process of making as follows:

Cider once properly made and put in to sweet, fresh barrels, the balance of the process in vinegar-making is a trick at it. It is a chemical process, to be sure, but nature will be a good manipulator of it. The chemistry of this process consists simply in oxygenation of the cider, and it is allowed free access to it the oxygenation will go on slowly through the winter and more rapidly in the summer. The process may be accelerated by keeping the cider in a warm room, and under more rapidly still by tricking the cider through a bag of hops or a cylinder perforated with holes on the sides and filled with birch shavings, so as to allow the air to come in direct contact with it. A little yeast added to the cider gives it a good start on its fermenting course.

Our custom is to wait the process of nature, and to add to the cider only a little yeast, the bung-hole, the summer we take the barrels out of the cellar and place them in a sunny place, nailing some wire gauze over the bung-hole to keep out flies and straw. This

CARRIAGE-MAKING.

THE undersigned has returned the Carriage-making business.

To Rent: Middle Street, Gettysburg, Pa.

where they are prepared to put up with the most modern, substantial and airy carriage. A list of new and second-hand carriages, buggies, etc., on hand.

REPAIRING DONE WITH DISPATCH.

A large lot of new and old harnesses on hand and for sale.

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ANOTHER BAKERY!

THE undersigned has opened a Bakery at the corner of Washington and High streets, Gettysburg, Pa.

where they are prepared to put up with the most modern, substantial and airy carriage. A list of new and second-hand carriages, buggies, etc., on hand.

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